Subject: SMPTE Update
Posted by Mike Audet on Fri, 01 Aug 2008 02:01:57 GMT

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That's right. Bet you never thought you'd see that.

So, here's the skinny.

This is a debug version that writes a text file to the c drive. If anyone
cares about this update, I'll remove the debug code and post a new version.

To paraphrase Scotty, this thing is bypassed like a Christmas tree.

The SMPTE module is clearly defective. However, I managed to feed it the
right parameters using callbacks at regular enough intervals to make it work
anyway.

LTC with NO jam synch works fine.

LTC with continuous jam synch works at the driver level, but the PARIS app
fucks it up. It sometimes refuses to rewind and keeps adding time to the
clock, even when we've rewound the smpte source. Sometimes, it works ok.
 You can see that the driver is reporting the right time when you hit stop,
the display goes to the right time. Hit play, and it jumps ahead to where
we last stopped.

LTC with fixed jam synch seems to work ok, but I don't really trust it to
reverse the transport.

LTC with one time synch seems to be the same as jam synch.

You may need to set the jam type a couple of couple of times for it to stick.
 I have to keep re-feeding the jam setting to the card to keep it from locking
up, and that can cause my code to reset it to what it was before you changed
it. Just try again.

I understand that there is some issue with VITC and greater than 24 hour
offsets. If anyone cares and has the equipment to work with me on it, I'll
try to fix it.

Enjoy!

Mike

---=_linux48926e95
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Content-Transfer-Encoding: base64
Content-Disposition: attachment; filename="SMPTEUpdateDebug.zip"

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Subject: Re: SMPTE Update
Posted by kerryg on Sat, 02 Aug 2008 03:24:43 GMT
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I'm not at all familiar with the SMPTE module, never even seen one - but verrrry interesting. Are you at the limits of what you can do with this thing, or do you reckon there's a chance those bugs can be bypassed?

And this is the whole shooting match, isn't it? PARIS slaving as well as being master?

- Kerry

On 7/31/08 7:01 PM, in article 48926e95$1@linux, "Mike Audet" <mike@...> wrote:

>
> That's right. Bet you never thought you'd see that.
>
> So, here's the skinny.
>
> This is a debug version that writes a text file to the c drive. If anyone
> cares about this update, I'll remove the debug code and post a new version.
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> To paraphrase Scotty, this thing is bypassed like a Christmas tree.
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> right parameters using callbacks at regular enough intervals to make it work
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> it. Just try again.
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> I understand that there is some issue with VITC and greater than 24 hour
> offsets. If anyone cares and has the equipment to work with me on it, I'll
> try to fix it.
>
> Enjoy!
>
> Mike

Subject: Re: SMPTE Update
Posted by Wayne on Mon, 04 Aug 2008 17:27:27 GMT
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Hi Mike,

I don't SMPTE or ADAT. I have a 2 card, 2 8in, 2 C16, 1 MEC system on XP and I couldn't be happier. But I did want to say thank you very much for helping us Paris users. Thank you for keeping Paris alive and current as can be. You're the best thing since BT, AA and Chuck did all the XP updates and videos. I love this group. Sorry if I missed anybody, because many of you have also helped me with my equipment learning. I'm typing really fast cause I got to go. Thanks again Mike.   Wayne

Subject: Re: SMPTE Update
Posted by Mike Audet on Mon, 04 Aug 2008 21:45:19 GMT

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Thanks, Wayne. :)

I'm going to keep chipping away at the driver. With a little luck, I'll get it threadsafe, and we won't need to limit the PAIS app and driver to one CPU anymore.

There will be more plugins, too.

All the best,

Mike

"Wayne Carson" <waynecarson@cox.net> wrote:
>Hi Mike,
>
>I don't SMPTE or ADAT. I have a 2 card, 2 8in, 2 C16, 1 MEC system on XP

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>you have also helped me with my equipment learning. I'm typing really fast

>cause I got to go. Thanks again Mike.   Wayne
>
>

Subject: Re: SMPTE Update
Posted by Tom Bruhl on Mon, 04 Aug 2008 23:11:07 GMT

Holy Crap Mike,

Did you just say what I think you said?

You frighten me with your intellectual prowess.

Tom

"Mike Audet" <mike@...> wrote in message news:4897786f$1@linux...
>
> Thanks, Wayne. :)
>
> I'm going to keep chipping away at the driver. With a little luck, I'll
> get it threadsafe, and we won't need to limit the PAIS app and driver to
> one CPU anymore.
>
> There will be more plugins, too.
>
> All the best,
>
> Mike
>
> "Wayne Carson" <waynecarson@cox.net> wrote:
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>>
>

Subject: Re: SMPTE Update
Posted by Dimitrios on Tue, 05 Aug 2008 14:09:00 GMT
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Dear Mike !!
Please can you define what this file is to be used and placed to and for
??
Does this file overcome any other defective file ?
Thanks !!
Dimitrios

"Mike Audet" <mike@...> wrote:
>
>
>
>That's right. Bet you never thought you'd see that.
>
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>
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>I understand that there is some issue with VITC and greater than 24 hour

>offsets. If anyone cares and has the equipment to work with me on it, I'll
>try to fix it.
>
>Enjoy!
>
>Mike

Subject: Re: SMPTE Update
Posted by Mike Audet on Tue, 05 Aug 2008 15:04:53 GMT
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Hi Dimitrios.

It's a bit of a hack, but it mostly works for LTC with the SMPTE card. It
completely breaks VITC, though.

If you want to try it, just replace the file at:
I:\WINDOWS\system32\Ensoniq\PlugIns\MEC\Driver

See my next post from some cool stuff. :)

Mike

Be sure to back up the original first.
"Dimitrios" <musurgio@otenet.gr> wrote:
>
>Dear Mike !!
>Please can you define what this file is to be used and placed to and for
>??
>Does this file overcome any other defective file ?
>Thanks !!
>Dimitrios
>
>"Mike Audet" <mike@...> wrote:
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>>
>>
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>>Enjoy!
>>
>>Mike
>

Subject: Re: SMPTE Update
Posted by Andreap on Wed, 27 Jan 2021 15:32:46 GMT
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Hi, Mark...hi, Kerry...hi, all...

excuse me for being the most dull forum user on earth's face, I don't see where's the "magic file" SMPTEUpddateDebug.zip, at least from my phone (even tried in desktop view mode). Can some angel point me to the file?

...Also, since I'm here: both the SMPTE card and OMF import/export remind mainly to synchronize Paris with the video domain, right?

Kerry kindly showed us that OMF export works quite fine using AAtranslator: but what about import?

Can a Paris Pro user invite a video pro and claim to successfully import an OMF session, without risk? If yes, what DAW/programs are compatible?

Sorry to remark this issue you likely discussed earlier.

Subject: Re: SMPTE Update
Posted by Kim W. on Mon, 15 Feb 2021 11:00:42 GMT

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Wow!

How cool is that.

As far as syncing Paris as slave to a SMPTE timecode, I actually did this many years ago. I really can't remember how I did it, and I've never had the PARIS SMPTE card. But I distinctly remember recording SMPTE timecode on my Fostex B16, (I used an ancient box called an XR300, which I still have), and used the varispeed on the Fostex to actually control the speed of PARIS. It was when I first got PARIS with one EDS card, and was mid project. It worked! I was able to slow the tape down, and record a vocal track down a couple of semitones on PARIS, as the singer couldn't reach the high notes. I thought it was pretty cool at the time. PARIS with VARISPEED!! I still have a cassette deck with varispeed, and I'm sure I could use it to control the speed of PARIS.

Cheers,

Kim